

### **In the Specification**

***Please replace paragraph [0029] with the following:***

Yet another object of the invention is for the washing fluid to penetrate into the compressor past the first step. Referring to the above description concerning the air flow containing liquid drops it is obvious that, if the compressor operates under advantageous aerodynamic conditions and a slip speed exists between drop and air, the speed of the drop must be less advantageous as regards aerodynamics. By means of analysis it has been determined that if a slip ratio prevails between drops and air, the drops will encounter the blades and guide vanes unfavorably. Liquid will to a great extent wet the blades and vanes of the first step, whereas it would be desirable for the liquid to penetrate into the compressor past the first step. To achieve the above object of the invention, in an exemplary embodiment the cleaning fluid is sprayed such that a substantial portion of the drop of the spray has a mean size within the interval 50-150  $\mu\text{m}$ . Further, in another exemplary embodiment a spray is utilized where the mean size of the drops remains substantially constant throughout the cleaning process. Thus, no large changes in the mean size of the drops occur during cleaning.